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COMMISSIONER FOR PATENTS  
UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
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09/702,218

10/30/2000

Arthur W. Wang

PD-990304

990304

020991

HUGHES ELECTRONICS CORPORATION  
PATENT DOCKET ADMINISTRATION  
BLDG 001 M/S A109  
P O BOX 956  
EL SEGUNDO, CA 902450956



**FORMALITIES LETTER**



\*OC000000005639060\*

Date Mailed: 12/26/2000

**NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION**

**FILED UNDER 37 CFR 1.53(b)**

***Filing Date Granted***

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given TWO MONTHS from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The oath or declaration is missing.  
*A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date, is required.*
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(e) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
  
- **The balance due by applicant is \$ 130.**

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*A copy of this notice **MUST** be returned with the reply.*

*freewave*  
Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE

01/26/2001 CNGUYEN 00000085 500383 09702218

01 FC:105 130.00 CH

Customer Number 020991

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of : Date: January 16, 2001  
Arthur W. Wang  
Serial No. 09/702,218 : Group Art Unit: Unknown  
Filed: October 30, 2000  
For: **SYSTEM AND METHOD FOR  
CONTINUOUS BROADCAST  
SERVICE FROM NON-  
GEOSTATIONARY ORBITS** : **ATTN: BOX MISSING PARTS**

FILE MISSING PARTS OF APPLICATION - FILING DATE GRANTED

Commissioner of Patents  
Washington, D.C. 20231

Dear Sir:

Applicants submit herewith (1) Combined Declaration for Patent Application and Power of Attorney for inventor(s).

Please record the enclosed Assignment (1) from inventor Arthur W. Wang to Hughes Electronics Corporation and return the recorded document to the undersigned at the address indicated below. Also enclosed is the required Recordation Form Cover Sheet for the Assignment. The Assignment is to be recorded in the name of Hughes Electronics Corporation. The authorization to charge the \$40.00 fee for the Assignment to the Hughes Electronics Corporation deposit account is on the Recordation Form Cover Sheet. Also enclosed is a copy of Office's Notice to File Missing Parts.

The Commissioner is hereby authorized to charge the \$130.00 declaration surcharge as set forth in 37 CFR 1.16(e) and any additional fees which may be required, or credit any overpayment, to Deposit Account No. 50-0383. A duplicate copy of this Response is submitted for this purpose.

Respectfully submitted,  
**ARTHUR W. WANG**

By: *Vijayalakshmi D. Duraiswamy*  
Vijayalakshmi D. Duraiswamy  
Attorney for Applicant(s)  
Registration No. 31,505

HUGHES ELECTRONICS CORPORATION  
Bldg. 001, M/S A109  
P.O. Box 956  
200 N. Sepulveda Boulevard  
El Segundo, California 90245-0956  
(310) 662-9919

I hereby certify that this correspondence is being deposited with the United States Postal Service as first class mail in an envelope addressed to: **BOX MISSING PARTS, Commissioner of Patents, Washington, D.C. 20231, on January 16, 2001 (Date of Deposit)**

*Vijayalakshmi D. Duraiswamy*  
V. D. Duraiswamy  
Name of applicant, assignee, or registered representative

## FILE COPY



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 UNITED STATES PATENT AND TRADEMARK OFFICE  
 WASHINGTON, D.C. 20231  
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Bib Data Sheet

CONFIRMATION NO. 9458

SERIAL NUMBER 09/702,218	FILING DATE 10/30/2000 RULE	CLASS 348	GROUP ART UNIT 2643	ATTORNEY DOCKET NO. PD-990302
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**APPLICANTS**

Arthur W. Wang, Residence Not Provided;

**\*\* CONTINUING DATA \*\*\*\*\*****\*\* FOREIGN APPLICATIONS \*\*\*\*\*****IF REQUIRED, FOREIGN FILING LICENSE**

GRANTED \*\* 12/26/2000

Foreign Priority claimed	<input type="checkbox"/> yes <input type="checkbox"/> no	STATE OR COUNTRY	SHEETS DRAWING 9	TOTAL CLAIMS 32	INDEPENDENT CLAIMS 4
35 USC 119 (a-d) conditions met	<input type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance				
Verified and Acknowledged	Examiner's Signature _____ Initials _____				

**ADDRESS**

020991

**TITLE**

System and method for continuous broadcast service from non-geostationary orbits

FILING FEE RECEIVED 1136	FEES: Authority has been given in Paper No. _____ to charge/credit DEPOSIT ACCOUNT No. _____ for following:	<input type="checkbox"/> All Fees
		<input type="checkbox"/> 1.16 Fees ( Filing )
		<input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )
		<input type="checkbox"/> 1.18 Fees ( Issue )
		<input type="checkbox"/> Other _____
		<input type="checkbox"/> Credit

Receipt

CUSTOMER NUMBER: 020991



FILE COPY

PD-990302

1  
4  
5/31/01  
MB

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: : Date: January 16, 2001  
ARTHUR W. WANG, ET AL. :  
Serial No. 09/702,218 : Group Art Unit: 2643  
Filed: October 30, 2000 :  
For: SYSTEM AND METHOD FOR : Examiner: Unknown  
CONTINUOUS BROADCAST :  
SERVICE FROM NON- :  
GEOSTATIONARY ORBITS :  
RECEIVED

APR 25 2001

Technology Center 2600

LETTER REQUESTING CORRECTION OF TYPOGRAPHICAL ERROR  
IN ATTORNEY DOCKET NUMBER SHOWN ON FILING RECEIPT  
(PTO-103X) FORM

Assistant Commissioner of Patents  
Office of Initial Patent Examination  
Customer Service Center  
Washington, D.C. 20231

Dear Sir:

In response to the Filing Receipt received for the above-identified application bearing Serial No. 09/702,218 and filed on October 30, 2000, a copy of which is enclosed, applicants request that the attorney docket number which appears in the Filing Receipt, be corrected to read "PD-990302".

Applicants respectfully request this correction be incorporated into the application.

Respectfully submitted,

By: Vijayalakshmi D. Duraiswamy  
Vijayalakshmi D. Duraiswamy  
Registration No. 31,505

HUGHES ELECTRONICS CORPORATION  
Bldg. 001, M/S. A109  
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200 N. Sepulveda Boulevard  
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(310) 662-9919

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APR 25 2001

Technology Center 2600

I hereby certify that this correspondence is being deposited  
with the United States Postal Service as first class mail in an  
envelope addressed to: Assistant Commissioner of Patents,  
Washington, D.C. 20231, on January 16, 2001.  
(date of Deposit).

Vijayalakshmi D. Duraiswamy

Name of applicant, assignee, or  
Registered Representative

Vijayalakshmi D. Duraiswamy

Signature

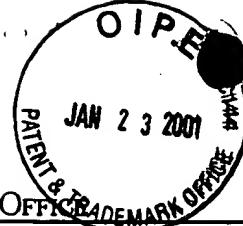
January 16, 2001

Date of Signature





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UNITED STATES PATENT AND TRADEMARK OFFICE  
WASHINGTON, D.C. 20231  
[www.uspto.gov](http://www.uspto.gov)

APPLICATION NUMBER	FILING DATE	GRP ART UNIT	FIL FEE REC'D	ATTY.DOCKET.NO	DRAWINGS	TOT CLAIMS	IND CLAIMS
09/702,218	10/30/2000	2643	1006	PD-990304 9/10/2001	9	32	4

020991  
HUGHES ELECTRONICS CORPORATION  
PATENT DOCKET ADMINISTRATION  
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P O BOX 956  
EL SEGUNDO, CA 902450956

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JAN 10 2001

**PATENTS & LICENSING  
CORPORATE OFFICE**

Date Mailed: 12/26/2000

**FILING RECEIPT**



\*OC000000005639059\*

Receipt is acknowledged of this nonprovisional Patent Application. It will be considered in its order and you will be notified as to the results of the examination. Be sure to provide the U.S. APPLICATION NUMBER, FILING DATE, NAME OF APPLICANT, and TITLE OF INVENTION when inquiring about this application. Fees transmitted by check or draft are subject to collection. Please verify the accuracy of the data presented on this receipt. If an error is noted on this Filing Receipt, please write to the Office of Initial Patent Examination's Customer Service Center. Please provide a copy of this Filing Receipt with the changes noted thereon. If you received a "Notice to File Missing Parts" for this application, please submit any corrections to this Filing Receipt with your reply to the Notice. When the PTO processes the reply to the Notice, the PTO will generate another Filing Receipt incorporating the requested corrections (if appropriate).

**Applicant(s)**

Arthur W. Wang, Residence Not Provided;

**RECEIVED**

APR 25 2001

**Continuing Data as Claimed by Applicant**

Technology Center 2600

**Foreign Applications**

If Required, Foreign Filing License Granted 12/26/2000

**Title**

System and method for continuous broadcast service from non-geostationary orbits

**Preliminary Class**

348

Data entry by : GEBRESILASSIE, FREWOINI Team : OIPE

Date: 12/26/2000

